

CLAIMS

What is claimed is:

1. A method comprising:

2. defining a meeting package including a plurality of meeting facility resources, said
3. plurality of meeting facility resources including a meeting room and a guest room of a
4. meeting facility;
5. receiving a reservation request for said meeting package from a user; and
6. reserving each of said plurality of meeting facility resources in response to receiving
7. said reservation request.

1. 2. The method as set forth in claim 1, further comprising:

2. defining a customer profile for said user, wherein defining a meeting package
3. comprises determining a price for said meeting package based on said customer profile.

1. 3. The method as set forth in claim 1, further comprising:

2. storing inventory data for said meeting facility, wherein defining a meeting package
3. comprises:

4. determining whether each of said plurality of meeting facility resources is
5. available for reservation utilizing said inventory data; and

6. displaying said inventory data for said meeting facility in response to a
7. determination that each of said plurality of meeting facility resources is not available
8. for reservation,

9 and further wherein reserving each of said plurality of meeting facility resources in
10 response to receiving said reservation request comprises:

11 reserving each of said plurality of meeting facility resources in response to a
12 determination that each of said plurality of meeting facility resources is available for
13 reservation.

1 4. The method as set forth in claim 3, wherein reserving each of said plurality of
2 meeting facility resources in response to receiving said reservation request further comprises
3 updating said inventory data.

1 5. The method as set forth in claim 1, wherein:
2 defining a meeting package comprises defining a meeting package for each of a
3 plurality of meeting facilities; and
4 receiving a reservation request for said meeting package from a user comprises
5 receiving a user selection of one of said plurality of meeting packages.

1 6. The method as set forth in claim 1, wherein reserving each of said plurality of
2 meeting facility resources comprises transmitting a confirmation message to said user.

1 7. The method as set forth in claim 1, further comprising:
2 receiving meeting facility criteria including a preferred meeting date, a guest room
3 quantity, and a meeting room quantity, wherein defining a meeting package comprises
4 defining said meeting package based on said meeting facility criteria.

1 8. The method as set forth in claim 7, further comprising:
2 defining a reservation rule for said meeting facility, wherein defining a meeting
3 package based on said meeting facility criteria comprises:
4 determining whether said meeting facility criteria satisfy said reservation rule; and
5 identifying said reservation rule to said user in response to a determination that
6 said meeting facility criteria do not satisfy said reservation rule.

1 9. The method as set forth in claim 8, wherein defining a meeting package based on said
2 meeting facility criteria further comprises:
3 modifying one of said meeting facility criteria in response to a determination that said
4 meeting facility criteria do not satisfy said reservation rule; and
5 defining said meeting package based on said modified meeting facility criterion.

1 10. The method as set forth in claim 9, wherein modifying one of said meeting facility
2 criteria comprises:
3 prompting said user to adjust said meeting facility criteria; and
4 receiving an adjusted meeting facility criterion in response to said prompting.

1 11. The method as set forth in claim 7, further comprising:
2 defining a reservation rule for said meeting facility, wherein defining a meeting
3 package based on said meeting facility criteria comprises:
4 determining whether said meeting facility criteria satisfy said reservation rule; and

5 modifying said reservation rule in response to a determination that said meeting
6 facility criteria do not satisfy said reservation rule.

1 12. The method as set forth in claim 11, further comprising:

2 defining a reservation quota for said meeting facility, wherein modifying said
3 reservation rule comprises:

4 determining whether said reservation quota is satisfied; and

5 modifying said reservation rule in response to a determination that said
6 reservation quota is not satisfied.

1 13. The method as set forth in claim 7, wherein:

2 receiving meeting facility criteria comprises receiving food and beverage
3 information; and

4 defining a meeting package based on said meeting facility criteria comprises defining
5 a meeting package including a plurality of meeting facility resources, said plurality of
6 meeting facility resources including food and beverage service.

1 14. A data processing system-readable medium having a plurality of instructions
2 executable by a data processing system embodied therein, wherein said instructions when
3 executed cause said data processing system to:

4 define a meeting package including a plurality of meeting facility resources, said
5 plurality of meeting facility resources including a meeting room and a guest room of a
6 meeting facility;

7 receive a reservation request for said meeting package from a user; and

8 reserve each of said plurality of meeting facility resources in response to receiving
9 said reservation request.

1 15. The data processing system-readable medium of claim 14, wherein:

2 said plurality of instructions when executed further cause said data processing
3 system to define a customer profile for said user, and
4 said instructions causing said data processing system to define a meeting package
5 cause said data processing system to determine a price for said meeting package based on
6 said customer profile.

1 16. The data processing system-readable medium of claim 14, wherein:

2 said plurality of instructions when executed further cause said data processing system
3 to store inventory data for said meeting facility,
4 said instructions causing said data processing system to define a meeting package
5 cause said data processing system to:

6 determine whether each of said plurality of meeting facility resources is available
7 for reservation utilizing said inventory data; and

8 display said inventory data for said meeting facility in response to a determination
9 that each of said plurality of meeting facility resources is not available for reservation,
10 and

11 said instructions causing said data processing system to reserve each of said plurality
12 of meeting facility resources in response to receiving said reservation request cause said
13 data processing system to:

14 reserve each of said plurality of meeting facility resources in response to a
15 determination that each of said plurality of meeting facility resources is available for
16 reservation.

1 17. The data processing system-readable medium of claim 14, wherein:

2 said plurality of instructions when executed further cause said data processing system
3 to receive meeting facility criteria including a preferred meeting date, a guest room
4 quantity, and a meeting room quantity, and

5 said instructions causing said data processing system to define a meeting package
6 cause said data processing system to define said meeting package based on said meeting
7 facility criteria.

1 18. The data processing system-readable medium of claim 17 wherein:

2 said plurality of instructions when executed further cause said data processing system
3 to define a reservation rule for said meeting facility, and

4 said instructions causing said data processing system to define a meeting package
5 based on said meeting facility criteria cause said data processing system to:

6 determine whether said meeting facility criteria satisfy said reservation rule; and

7 identify said reservation rule to said user in response to a determination that said
8 meeting facility criteria do not satisfy said reservation rule.

1 19. The data processing system-readable medium of claim 17 wherein:

2 said plurality of instructions when executed further cause said data processing system to
3 define a reservation rule for said meeting facility, and

4 said instructions causing said data processing system to define a meeting package based
5 on said meeting facility criteria cause said data processing system to:

6 determine whether said meeting facility criteria satisfy said reservation rule; and
7 modify said reservation rule in response to a determination that said meeting facility
8 criteria do not satisfy said reservation rule.

1 20. The data processing system-readable medium of claim 19, wherein:

2 said plurality of instructions when executed further cause said data processing system to
3 define a reservation quota for said meeting facility, and

4 said instructions causing said data processing system to define a meeting package based
5 on said meeting facility criteria further cause said data processing system to:

6 determine whether said reservation quota is satisfied; and
7 modify said reservation rule in response to a determination that said reservation quota is
8 not satisfied.

1 21. A data processing system comprising:

2 a storage device to store a meeting package definition for a meeting package including a
3 plurality of meeting facility resources, said plurality of meeting facility resources including a
4 meeting room and a guest room of a meeting facility;

5 an input device; and

6 a processing device to create said meeting package definition, to receive a reservation
7 request for said meeting package from a user via said input device, and to reserve each of
8 said plurality of meeting facility resources in response to receiving said reservation request.

1 22. The data processing system as set forth in claim 21, wherein:

2 said storage device comprises a storage device to store a customer profile for said user,

3 and

4 said processing device comprises a processing device to determine a price for said
5 meeting package based upon said customer profile.

1 23. The data processing system as set forth in claim 21, further comprising a display
2 device; wherein:

3 said storage device comprises a storage device to store inventory data for said meeting
4 facility, and

5 said processing device comprises a processing device to:

6 determine whether each of said plurality of meeting facility resources is available for
7 reservation utilizing said inventory data;

8 display said inventory data for said meeting facility via said display device in response to
9 a determination that each of said plurality of meeting facility resources is not available for
10 reservation; and

11 reserve each of said plurality of meeting facility resources in response to a determination
12 that each of said plurality of meeting facility resources is available for reservation.

1 24. The data processing system as set forth in claim 21, wherein:

2 said processing device comprises a processing device to receive meeting facility criteria
3 including a preferred meeting date, a guest room quantity, and a meeting room quantity via

4 said input device, and to create said meeting package definition based upon said meeting
5 facility criteria.

1 25. The data processing system as set forth in claim 24, further comprising a display
2 device, wherein:

3 said storage device comprises a storage device to store a reservation rule for said meeting
4 facility, and

5 said processing device comprises a processing device to:

6 determine whether said meeting facility criteria satisfy said reservation rule; and

7 display said reservation rule to said user via said display device in response to a
8 determination that said meeting facility criteria do not satisfy said reservation rule.

1 26. The data processing system as set forth in claim 24, wherein:

2 said storage device comprises a storage device to store a reservation rule for said meeting
3 facility, and

4 said processing device comprises a processing device to:

5 determine whether said meeting facility criteria satisfy said reservation rule; and

6 modify said reservation rule in response to a determination that said meeting facility
7 criteria do not satisfy said reservation rule.

1 27. The data processing system as set forth in claim 26, wherein:

2 said storage device comprises a storage device to store a reservation quota for said meeting
3 facility, and

4 said processing device further comprises a processing device to:

5 determine whether said reservation quota is satisfied; and
6 modify said reservation rule in response to a determination that said reservation quota is not
7 satisfied.

1 28. A communications network comprising:

2 a meeting planner client to receive meeting facility criteria and a reservation request for a
3 meeting package including a plurality of meeting facility resources from a user, said plurality
4 of meeting facility resources including a meeting room and a guest room of a meeting
5 facility;

6 a data storage device to store a customer profile for said user, a reservation rule and
7 inventory data for said meeting facility, and a meeting package definition for said meeting
8 package; and

9 a meeting package reservation server coupled to said meeting planner client via said
10 communications network to create said meeting package definition utilizing said customer
11 profile, said reservation rule, and said inventory data, to display said meeting package
12 definition to said user and to receive said reservation request from said user via said meeting
13 planner client, and to reserve each of said plurality of meeting facility resources in response
14 to receiving said reservation request.
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